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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/753,345	12/29/2000	Eric W. Parsons	061473/0269982	8396

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EXAMINER

ELAHEE, MD S

ART UNIT	PAPER NUMBER
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2697

DATE MAILED: 08/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/753,345

Applicant(s)

PARSONS ET AL.

Examiner

Md S Elahee

Art Unit

2697

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6-12 and 14-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-12 and 14-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

Withdrawal of Finality of Last Office Action

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn. This action is responsive to an amendment filed on 07/08/03. Claims 1-4, 6-12 and 14-19 are pending since, the amendment after final was entered.

Response to Arguments

2. Applicant's arguments mailed on 07/08/03 have been fully considered but they are not fully persuasive.

Applicant's arguments with respect to claims 1-4, 6-12 and 14-19 have been considered but are moot in view of the new ground(s) of rejection which is deemed appropriate to address all of the needs at this time.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2697

4. Claims 1-4, 6-12 and 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bobo, II (U. S. Patent No. 6,564,321) and in view of Gustafsson (U. S. Patent No. 6,424,841).

Regarding claims 1 and 9, Bobo teaches collecting notification message associated with each of the message types (abstract; fig.2; col.7, lines 57-67, col.8, lines 1-12, col.9, lines 21-29; 'notification message' reads on the claim 'information regarding message events' and 'message types' reads on the claimed 'message feeds').

Bobo further teaches updating a list of messages for the user based on the collected information (fig.2; col.7, lines 57-67, col.8, lines 1-12, col.9, lines 21-29).

Bobo further teaches preparing a notification based on the updated list of messages (col.8, lines 1-12, col.9, lines 21-29; 'notification' reads on the claim 'alert').

Bobo further teaches sending the notification to a paging system associated with the user (col.9, lines 21-29; 'sending the notification' reads on the claim 'pushing the alert' and 'paging system' reads on the claim 'wireless device').

Bobo fails to teach "pushing the alert using a Wireless Access Protocol (WAP) push protocol". Gustafsson teaches SMS server 400 coupled to proxy server device 140 serving the wireless client devices through airnet 120 using the WAP communication protocol (fig.3, fig.4, fig.5; col.13, lines 32-41, 65,66; col.14, lines 1-6; 'serving' reads on the claim 'pushing the alert' and 'WAP communication protocol' reads on the claim 'WAP push protocol'). Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Bobo to have transmit SMS message using WAP communication protocol as taught by Gustafsson. The motivation for the modification is to allow wireless users to get SMS message

Art Unit: 2697

using WAP communication protocol. Regarding claims 1 and 9, Bobo teaches message a center 6100 representing the user the SMS notification messages for all types of messages (fig.5; fig.6; col.8, lines 26-29; 'SMS notification messages' reads on the claim 'information regarding message events' and 'all types of messages' reads on the claimed 'message feeds').

Bobo further teaches storing information associated with the updated list of messages (col.8, lines 1-12, col.9, lines 21-29; 'storing' reads on the claim 'archiving').

Regarding claims 2 and 10, Bobo teaches providing a link in the notification for accessing the stored information via a paging system (col.8, lines 1-12, 25-49, col.9, lines 21-29; 'notification' reads on the claim 'pushed alert' and 'stored information via a paging system' reads on the claim 'archived via a wireless interface').

Regarding claims 3 and 11, Bobo teaches the messages comprising voice mail, fax mail, e-mail etc. (col.7, lines 57-65, col.9, lines 21-29).

Regarding claims 4 and 12, Bobo teaches the message events include one of a types of message (col.9, lines 21-29; 'types of message' reads on the claim 'newly received voice mail, a deleted voice mail a read voice mail, a newly received email, a deleted email, a read email, a newly received fax, a deleted fax, a newly received information message, a deleted information message, a read information message, and a missed phone call').

Regarding claims 6 and 14, Bobo teaches generating additional information according to user preference (col.9, lines 30, 31; 'user preference' reads on the claim 'an indication of a most recent one of the message events').

Regarding claims 7 and 15, Bobo teaches preparing an identification information associated with newly received message (col.14, lines 33-36; 'identification information' reads

Art Unit: 2697

on the claim 'identification of a caller' and 'sender' reads on the claim 'caller' and 'newly received message' reads on the claim 'most recent message event')

Regarding claims 8 and 16, Bobo teaches preparing a respective total of messages associated with each of the message types (col.9, lines 21-29; 'types' reads on the claim 'feeds').

7. Claims 17-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bobo, II (U.S. Patent No. 6,564,321) and in view of Matthews et al. (U.S. Patent No. 4,602,129).

Regarding claim 17, Bobo teaches a Message Storage and Delivery System (MSDS) collecting information about the messages stored for certain of the plurality of users, the MSDS being adapted to notify based on the collected information to paging system associated with the certain users (abstract; fig.2; col.7, lines 57-67, col.8, lines 1-12, col.9, lines 21-29; 'Message Storage and Delivery System (MSDS)' reads on the claim 'notification server', 'notify' reads on the claim 'push alerts' and 'paging system' reads on the claim 'wireless devices').

Bobo further teaches a database coupled to the Message Storage and Delivery System (MSDS) for storing message headers based on the collected information, the notification including a link for accessing the database (fig.17; col.8, lines 1-12, 25-49, col.9, lines 21-29; 'database' reads on the claim 'archive', 'Message Storage and Delivery System (MSDS)' reads on the claim 'notification server' and 'notification' reads on the claim 'pushed alerts').

Bobo further teaches that the communication system further includes a central office coupled to a plurality of office phones associated with the certain users, one of the first and second message types being voice mail associated with the office phones (fig.1; col.7, lines 57-67, col.8, lines 1-12; 'types' reads on the claim 'feeds'). However, Bobo fails to teach "PBX coupled to a plurality of office phones". Matthews teaches the user's telephones 18 connected to

Art Unit: 2697

the PBX's 12 have access to the VMS 10 and the features of the VMS 10 may be utilized by a small customer with a single PBX 12 or by much larger customers having multiple PBX's 12 interfaced with a single VMS 10 (fig.1; col.4, lines 41-46; 'much larger customers having multiple PBX's 12' reads on the claim 'a PBX coupled to a plurality of office phones'). Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Bobo to have a PBX coupled to the office phones as taught by Matthews. The motivation for the modification is to allow more users to handle the phone calls.

Regarding claim 18, Bobo teaches a paging interface adapted to communicate with the paging system in response to selection of the link included in the notification (col.8, lines 1-12, 25-49, col.9, lines 21-29; 'paging interface adapted to communicate with the paging system' reads on the claim 'wireless interface adapted to communicate with the wireless device' and 'notification' reads on the claim 'pushed alerts').

Regarding claim 19, Bobo teaches the message events include one of a types of message (col.9, lines 21-29; 'types of message' reads on the claim 'a voice mail, fax mail, email, and an information source, and the second message feed comprises a different one of the voice mail, fax mail, email, and the information source').

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alam Elahee whose telephone number is (703) 305-4822. The examiner can normally be reached on Mon to Fri from 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Hofsass can be reached on (703) 305-4717. The fax phone numbers for the

Art Unit: 2697

organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

M.E.

MD SHAFIUL ALAM ELAHEE
August 15, 2003

Allan Hoosain
ALLAN HOOSAIN
PRIMARY EXAMINER for
Fan Tsang